

Amendments in the Claims:

1. **(Original)** A rotor for a brushless motor comprising a hollow-cylindrical rotor core to be fitted to a rotary shaft and magnets to be fitted to the outer peripheral surface of the rotor core, characterized in that

the rotor core has:

an outer ring section formed to extend from the outer peripheral surface of the rotor core toward the rotary shaft with a predetermined thickness;

a plurality of ribs formed inside the outer ring section and extending from the inner peripheral surface of the outer ring section toward the rotary shaft; and

hollow sections formed between the ribs; and

the outer diameter  $\varphi_n$  of the hollow sections is defined by  $\varphi_c - 2 \times 3 W_t \leq \varphi_n \leq \varphi_c - 2 \times 1.3 W_t$ , where  $\varphi_c$  is the outer diameter of the rotor core and  $W_t$  is the thickness of the magnets.

2. **(Original)** The rotor according to claim 1, characterized in that the outer diameter  $\varphi_n$  of the hollow sections is defined by  $\varphi_c - 2 \times 2 W_t \leq \varphi_n \leq \varphi_c - 2 \times 1.3 W_t$ .

3. **(Currently amended)** The rotor according to claim 1-~~or 2~~, characterized in that the ribs are radially formed at positions located inside the outer ring section relative to the inter-magnet spaces of adjacently arranged magnets or the inter-magnetic-polar spaces so as to extend radially from the rotary shaft.

4. **(Original)** The rotor according to claim 3, characterized in that the ribs are arranged so as to be centered respectively at the line segments  $L_r$  passing through the middle points  $C_p$  of the inter-polar spans  $P_w$  of adjacently located magnets and the center  $O$  of the rotary shaft.

5. **(Original)** The rotor according to claim 3, characterized in that the angular pitch  $\theta_r$  of arrangement of the ribs is larger than the central angle  $\theta_m$  of the magnets ( $\theta_r > \theta_m$ ).

6. **(Currently amended)** The rotor according to ~~any one of claims 1 through 5~~ claim 1, characterized in that the hollow sections are formed to show a substantially sector-shaped cross section and arranged on the prolonged lines passing through the polar centers of the magnets.

7. **(Currently amended)** The rotor according to ~~any one of claims 1 through 6~~ claim 1, characterized in that the width  $W_v$  of the ribs is smaller than the thickness  $W_t$  of the magnets ( $W_v \leq W_t$ ).

8. **(New)** The rotor according to claim 2, characterized in that the ribs are radially formed at positions located inside the outer ring section relative to the inter-magnet spaces of adjacently arranged magnets or the inter-magnetic-polar spaces so as to extend radially from the rotary shaft.

9. **(New)** The rotor according to claim 2, characterized in that the hollow sections are formed to show a substantially sector-shaped cross section and arranged on the prolonged lines passing through the polar centers of the magnets.

10. **(New)** The rotor according to claim 3, characterized in that the hollow sections are formed to show a substantially sector-shaped cross section and arranged on the prolonged lines passing through the polar centers of the magnets.

11. **(New)** The rotor according to claim 4, characterized in that the hollow sections are formed to show a substantially sector-shaped cross section and arranged on the prolonged lines passing through the polar centers of the magnets.

12. **(New)** The rotor according to claim 5, characterized in that the hollow sections are formed to show a substantially sector-shaped cross section and arranged on the prolonged lines passing through the polar centers of the magnets.

13. **(New)** The rotor according to claim 2, characterized in that the width  $W_v$  of the ribs is smaller than the thickness  $W_t$  of the magnets ( $W_v \leq W_t$ ).

14. (New) The rotor according to claim 3, characterized in that the width  $W_v$  of the ribs is smaller than the thickness  $W_t$  of the magnets ( $W_v \leq W_t$ ).

15. (New) The rotor according to claim 4, characterized in that the width  $W_v$  of the ribs is smaller than the thickness  $W_t$  of the magnets ( $W_v \leq W_t$ ).

16. (New) The rotor according to claim 5, characterized in that the width  $W_v$  of the ribs is smaller than the thickness  $W_t$  of the magnets ( $W_v \leq W_t$ ).

17. (New) The rotor according to claim 6, characterized in that the width  $W_v$  of the ribs is smaller than the thickness  $W_t$  of the magnets ( $W_v \leq W_t$ ).